

REMARKS/ARGUMENTS

Applicants request entry of this amendment in accordance with 37 C.F.R. 1.821-1.825. In response to the Office Action mailed February 27, 2007, Applicants submit a substitute sequence listing in CRF and paper formats.

The Office Action stated that sequences on pages 32 and 34 were not included in the original sequence listing filed October 12, 2004. Applicants note that the formula "CDEFGI-NRPS" on page 34 of the specification is not an amino acid sequence, but represents an arrangement of contigs for a polyketide synthase (PKS). As such, the formula disclosed on page 34 does not meet the requirements for inclusion into the sequence listing as described in 37 C.F.R. § 1.821(a). Nonetheless, the sequence listing submitted as part of the Preliminary Amendment filed October 12, 2004, did inadvertently omit the amino acid sequence "CSSSL" disclosed on page 32 of the specification. Accordingly, Applicants now submit a substitute sequence listing including that sequence. The substitute sequence listing corrects the informalities of the original sequence listing and conforms to the sequence disclosure of the instant application.

The information contained in the substitute sequence listing in CRF format was prepared using the software program "PatentIn" and the information therein is identical to that in the substitute sequence listing in paper format attached in the Appendix. As the sequence disclosure of the substitute sequence listing in either format does not go beyond that provided in the instant application, this amendment adds no new matter.

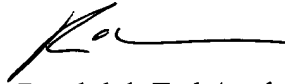
In accordance with 37 C.F.R. § 1.821(d), the specification has been amended to add the sequence identifier (SEQ ID NO) to the amino acid sequence on page 32. Applicants believe this amendment to the specification does not constitute new matter as it merely conforms the specification to the substitute sequence listing filed herewith.

Appl. No. 10/729,802
Amdt. dated March 26, 2007
Reply to Office Action of February 27, 2007

PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,



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APPENDIX: Substitute Sequence Listing